

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/019488

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B20/00 G06F1/00 H04L9/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B G06F H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 5 949 877 A (TRAW ET AL) 7 September 1999 (1999-09-07) abstract figures 1a-1c, 3, 4 column 1, line 42 - line 48 column 1, line 62 - line 67 column 2, line 48 - column 3, line 9 column 3, line 34 - line 43 column 4, line 3 - line 11 column 4, line 26 - line 48 column 4, line 63 - column 8, line 28 column 11, line 48 - column 12, line 34 claim 1</p> <p style="text-align: center;">----- -/--</p>	1-9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

A document member of the same patent family

Date of the actual completion of the international search

22 March 2005

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30/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 03/096339 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 20 November 2003 (2003-11-20) page 1, line 26 - page 3, line 3 page 3, line 18 - page 7, line 24 page 9, line 25 - line 26 page 10, line 1 - line 2 page 10, line 7 - page 11, line 12 page 11, line 25 - page 17, line 16 page 18, line 25 - page 19, line 6 page 24, line 18 - page 26, line 20 page 54, line 22 - page 55, line 12 figures 4,6,9-17</p>	1-9
A	<p>US 6 442 626 B1 (SMOLA MICHAEL ET AL) 27 August 2002 (2002-08-27) abstract column 2, line 66 - column 3, line 62 claims 2,3</p>	1-9
A	<p>EP 1 349 034 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 1 October 2003 (2003-10-01) abstract paragraph '0001! - paragraph '0002! paragraph '0005! paragraph '0007! - paragraph '0008! paragraph '0014! - paragraph '0016! paragraph '0018! paragraph '0029! paragraph '0031! - paragraph '0036! paragraph '0094! - paragraph '0099! paragraph '0103! - paragraph '0105! paragraph '0108! - paragraph '0109!; figures 1,5,11,13</p>	3

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Information on patent family members

International Application No

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US 5949877	A	07-09-1999	US 2002007452 A1	17-01-2002
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